



ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PROTECTION
OFFICE OF PESTICIDE PROGRAMS
REGISTRATION DIVISION (7505P)

DATE OUT: November 19, 2012

SUBJECT: STORAGE STABILITY (830.6317) & CORROSION CHARACTERISTICS
(830.6320) REVIEW
ACCELERATED STUDY [X]; ONE YEAR STUDY [X];
MP [] EP [X] EUP []
DP BARCODE No.: 406099 REG. No.: 432-4877
DECISION No.: 405260 MRID No.: 476422-01
PRODUCT NAME: TRITICONAZOLE 70 WDG FUNGICIDE
COMPANY: BAYER ENVIRONMENTAL SCIENCE

FROM: William Herald, Microbiologist/Chemist, REHS/ Registered Sanitarian
Product Chemistry Team
Technical Review Branch/RD (7505P)

TO: Banza Djapao / Mary Waller, RM 21
Fungicide Branch / RD (7505P)

I. CONCLUSIONS:

STORAGE STABILITY (830.6317):

[X] ACCEPTABLE
[] UNACCEPTABLE*
[] UPGRADEABLE*

40CFR158.190 DATA REQUIREMENT: [X] SATISFIED [] NOT SATISFIED

CORROSION CHARACTERISTICS (830.6320):

[X] ACCEPTABLE
[] UNACCEPTABLE*
[] UPGRADEABLE*

40CFR158.190 DATA REQUIREMENT: [X] SATISFIED [] NOT SATISFIED

* If unacceptable or upgradeable describe the deficiency and provide recommendations

Comments & Recommendations:

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II. STUDY SUMMARY

A. STUDY CONDUCTED UNDER US GLP/OECD GUIDELINES

☒ Yes

☐ No

B. PRODUCT INFORMATION

Active ingredient: Triticonazole

Label claims Nominal concentration (%): 70.0%

Initial concentration of the AI (%) used in the study: 71.53%

Lower certified limits (%) based on the label claims of the AI: 69.38%

C. EXPERIMENTAL PARAMETERS

Temperature: Ambient room temperatures (and 40 ° C in an oven for three months)

Duration of study: 1 year

Type of container: non-fluorinated HDPE, 4 oz. "Tip 'N' Measure" dispensing
bottles (expected to be used commercially).

Analysis at intervals: ☒ Initial; ☒ 3 months; ☒ 6 months; ☒ 9 Months; ☒ 12 months.

D. ANALYTICAL METHOD

Method	DETECTOR
HPLC	<input checked="" type="checkbox"/> UV/VIS (255nm)

E. RESULTS:

- 1). Compared to the initial concentration the reported data shows that on the 3rd, 6th, 9th and 12th month time periods the AI% remained well within the statutory parameters required in Title 40 CFR § 158.350 while stored at ambient (and at 40 ° C in an oven for three months) temperatures.
- 2). The study reports that after storage at ambient temperatures (and at 40 ° C in an oven for three months) for a period of 12 months no corrosive effects from the product were observed. The report indicates that the packaging tested is suitable for storage of the product.
- 3). The study shows that very little weight loss was seen during the test period at normal room temperatures and while stored at 40 ° C in an oven for three months.